

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("4891823").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:00
L2	1	(US-4891823-\$).did.	USPAT	OR	ON	2006/10/27 16:00
L3	1535	MIMO and ((multiple or several) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
L4	165	L3 and (trellis or TCM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
L5	42	L4 and ((symbol near4 transmit\$5) with antenna with vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
L6	10	L5 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
S1	1282	(375/347).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:25
S2	1535	MIMO and ((multiple or several) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:25

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S3	165	S2 and (trellis or TCM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:26
S4	113	S3 and ((symbol near4 transmit\$5) with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:27
S5	42	S3 and ((symbol near4 transmit\$5) with antenna with vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:27
S6	21	S4 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:10
S8	0	S6 and ((guess or estimate) with symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:40
S9	3	S6 and (symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:51
S10	2	("6,185,258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:51
S11	1	(US-6185258-\$).did.	USPAT	OR	ON	2006/10/27 14:55
S12	1	(US-6473467-\$).did.	USPAT	OR	ON	2006/10/27 14:58
S13	35	S2 and (received with symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:15

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S14	4	S13 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S15	1	(US-20030072452-\$).did.	US-PGPUB	OR	ON	2006/10/27 15:13
S16	238	S2 and (received with symbol with decod\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S17	4	S14 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S18	441	S2 and (received same symbol same decod\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S19	52	S18 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S20	43	S19 and (symbol same estimate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S21	162	S1 and (first same antenna same symbol same (decod\$4 or received))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S22	69	S21 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19

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S23	5	S22 and MIMO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **Performance comparison of space-time coding techniques**
 Bevan, D.; Tanner, R.;
[Electronics Letters](#)
 Volume 35, Issue 20, 30 Sept. 1999 Page(s):1707 - 1708
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- ☐ 2. **Iterative equalization and decoding with channel shortening filters for sp: modulation**
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 Volume 4, 24-28 Sept. 2000 Page(s):1575 - 1582 vol.4
 Digital Object Identifier 10.1109/VETECF.2000.886095
[AbstractPlus](#) | Full Text: [PDF](#)(632 KB) IEEE CNF
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- ☐ 3. **Space-frequency turbo coded OFDM for future high data rate wideband r:**
 Tujkovic, D.; Juntti, M.; Latva-Aho, M.;
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 Digital Object Identifier 10.1109/VTC.2001.957157
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- ☐ 4. **Performance of space-time coding with HIPERLAN/2 and IEEE 802.11a W on real channels**
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- ☐ 5. **A flexible space-time turbo coding scheme**
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- ☐ **6. High bandwidth efficiency space-time turbo coded modulation**
Tujkovic, D.;
[Communications, 2001. ICC 2001. IEEE International Conference on](#)
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- ☐ **7. Low rate space-time trellis codes in power limited wireless communicati**
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[Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE](#)
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- ☐ **9. MIMO iterative decoding of serial concatenation using space-time trellis c**
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- ☐ 14. **Comparative study of turbo coded wideband adaptive modulation and sp codes**
Liew, T.H.; Yeap, B.L.; Hanzo, L.;
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- ☐ 15. **Combined array processing and space-time turbo coded modulation for downlink over frequency-selective Rayleigh fading channels**
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- ☐ 16. **A class of MIMO systems using transmit diversity pre-combining scheme optimum space-time trellis code**
Su Hwan Lim; Seong Keun Oh;
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- ☐ 17. **Weight error loss for wireless systems with antenna arrays**
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- ☐ 18. **Obtaining full-diversity space-frequency codes from space-time codes via**
Weifeng Su; Safar, Z.; Olfat, M.; Liu, K.J.R.;
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- ☐ 19. **Iterative decoding of concatenated layered space-time trellis codes on M multipath AWGN channel**

Berthet, A.O.; Visoz, R.;
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- ☐ 20. **New design criteria of space-time codes for frequency-selective multipath channels**
Ching-Shyang Maa; Yeong-Cheng Wang; Jiunn-Tsair Chen;
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- ☐ 21. **A sphere packing bound on Rayleigh block-fading MIMO channels**
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- ☐ 22. **2003 IEEE International Conference on Communications (Cat. No.03CH37**
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- ☐ 23. **Pair space-time trellis codes and linear constellation precoding for MIMO**
Shouyin Liu; Jongwha Chong;
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Volume 3, 7-10 Sept. 2003 Page(s):2257 - 2261 vol.3
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- ☐ 24. **A new approach to space-time-channel layering and coding for frequency channels**
Wang, X.F.;
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- ☐ 25. **High speed wireless data transmission in layered space-time trellis code**
Runhua Chen; Letaief, K.B.;
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- ☐ 26. **A new diversity scheme for frequency selective MIMO channels**
Alkhalwaldeh, S.; Xiaofeng Wang; Shayan, Y.;

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- ☐ **29. A comparison of inner coding options for adaptive MIMO OFDM systems**
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- ☐ **30. Outage analysis and optimization of a stacked orthogonal space-time arc near-outage codes**
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- ☐ **32. Ordered array processing for space-time coded systems**
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- ☐ **34. Turbo-coded adaptive modulation versus space-time trellis codes for tra**
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- ☐ **35. Performance bounds for space-time block codes with receive antenna se**
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- ☐ **37. Leveraging coherent space-time codes for noncoherent communication**
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- ☐ **38. Iterative joint and interference ing/cancellation decoding algorithms for n**
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- ☐ **39. A semiblind receiver for iterative data detection and decoding of space-ti**
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- ☐ **40. Antenna selection for space-time trellis codes in fast fading**
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- ☐ **42. Reverse-ordered iterative decoding scheme for combining of spatial diverse multiplexing**
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- ☐ **43. A list sphere decoder based turbo receiver for groupwise space time trellis (GSTTC) systems**
Yongmei Dai; Sumei Sun; Zhongding Lei; Yuan Li;
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- ☐ **45. A transmit diversity scheme for MIMO CDMA systems based on orthogonal diversity and space-time trellis coding**
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- ☐ **46. Approximation maximum likelihood detector for V-BLAST systems**
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- ☐ **47. Iterative spatial sequence estimator for multi-group space time trellis code**
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